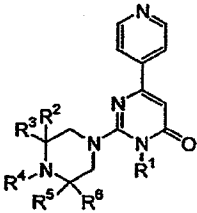














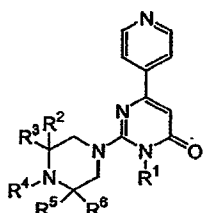
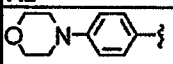

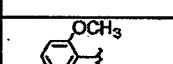
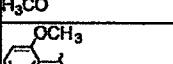
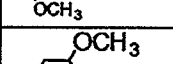
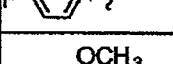
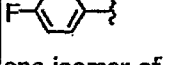
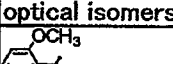
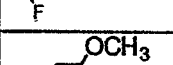
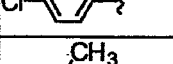
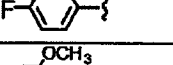
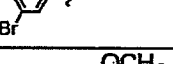
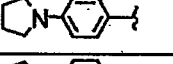


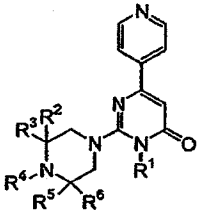
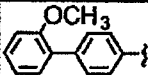
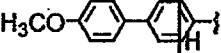
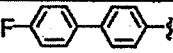
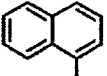
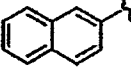

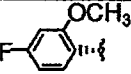
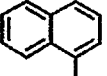
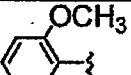
Table-1

							TPK1 IC50 (nM)
No.	R1	R2	R3	R4	R5	R6	
XA361	CH3-		H	H	H	H	18
XA364	CH3-		H	H	H	H	11
XA365	CH3-		H	H	H	H	22
XA366	CH3-		H	H	H	H	18
XA369	CH3-		H	H	H	H	9.6
XA370	CH3-		H	H	H	H	5.4
XA371	CH3-		H	H	H	H	6.6
XA376	CH3-		H	H	H	H	22
XA391	CH3-		H	H	H	H	1.8
XA392	CH3-		H	H	H	H	11
XA393	CH3-		H	H	H	H	4.7
XA396	CH3-		H	H	H	H	25
XA406	CH3-		H	H	H	H	15
XA433	CH3-		H	H	H	H	21

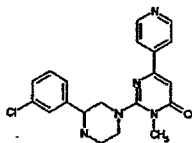
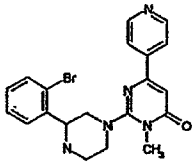
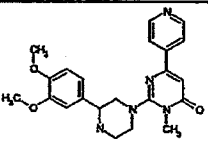
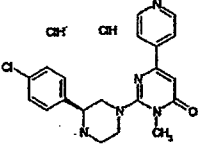
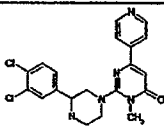
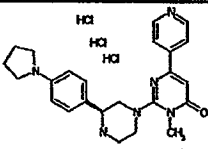
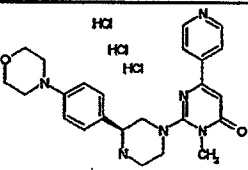
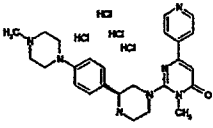
P28460 Declaration Table

							TPK1 IC50 (nM)
No.	R1	R2	R3	R4	R5	R6	
XA439	CH3-		H	H	H	H	13
XA442	CH3-		H	H	H	H	2
XA463	CH3-		H	H	H	H	2.2
XA464	CH3-		H	H	H	H	4.7
XA468	CH3-		H	H	H	H	0.9
XA470	CH3-	 one isomer of optical isomers	H	H	H	H	0.4
XA472	CH3-		H	H	H	H	5.5
XA480	CH3-		H	H	H	H	0.31
XA490	CH3-		H	H	H	H	24
XA501	CH3-		H	H	H	H	1.5
XA510	CH3-		H	H	H	H	2.5
XA511	CH3-		H	H	H	H	3.7
XA516	CH3-		H	H	H	H	2

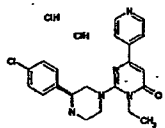
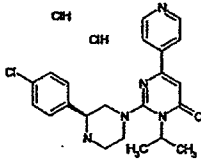
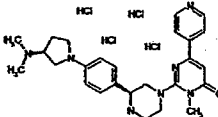
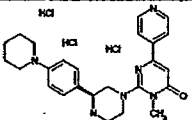
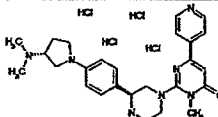
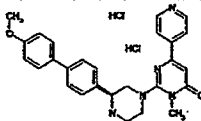
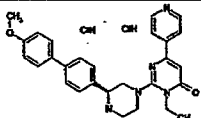
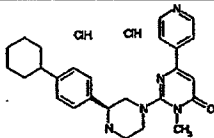
P28460 Declaration Table

							TPK1 IC50 (nM)
No.	R1	R2	R3	R4	R5	R6	
XA525	CH3-		H	H	H	H	32
XA527	CH3-		H	H	H	H	5
XA536	CH3-		H	H	H	H	1.6
XA543	CH3-		H	H	H	H	1.2
XA544	CH3-		H	H	H	H	4.6
XA619	CH3-		H	H	H	H	1.6
XA758	CH3-		H	CH3	H	H	34
XA831	CH3-		H	CH3	H	H	15
XA1649	CH3-		H	H	CH3-	CH3-	7.7

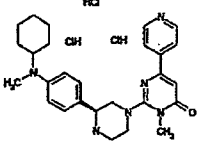
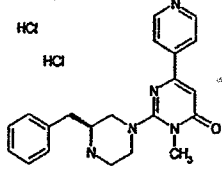
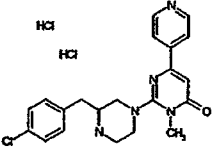
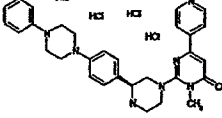
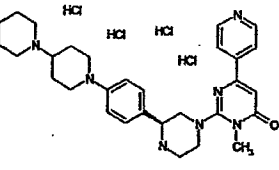
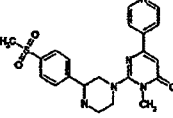
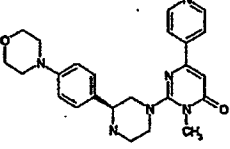
P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
XA1973		5.4
XA1974		13
XA1975		5.2
XA1976		11
XA1978		4.3
XA1980		12
XA1981		14
XA1982		1.5

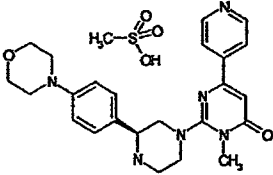
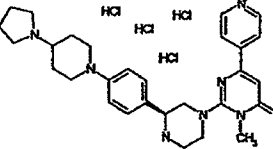
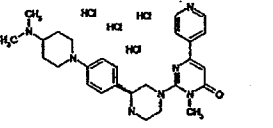
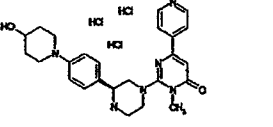
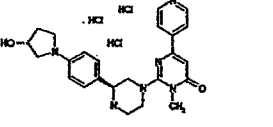
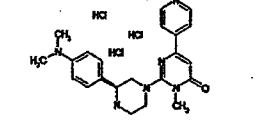
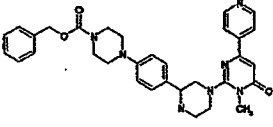
P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
XA1983		18
XA1984		4.8
XA1988		0.41
XA1989		14
XA1990		0.89
XA1991		1.5
XA1996		13
XA1998		16

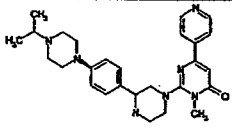
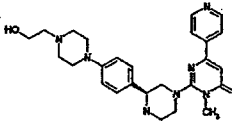
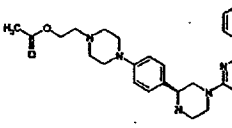
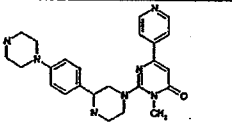
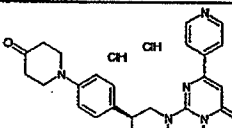
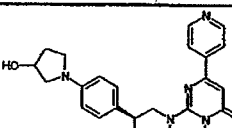
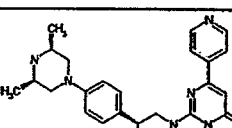
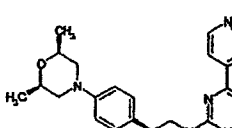
P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
XA1999		17
XA2004		8.3
XA2005		20
XA2006		2
XA2007		1.8
XA2008		36
XA2011		5.4

P28460 Declaration Table

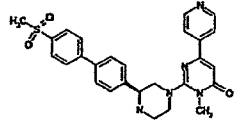
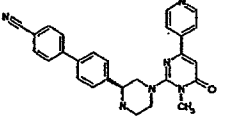
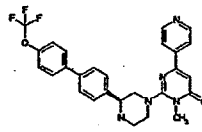
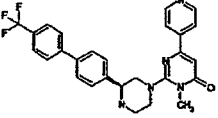
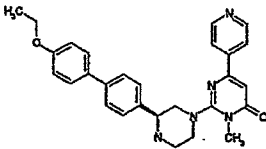
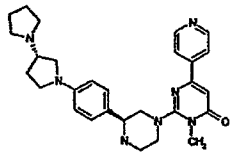
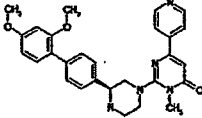
No.	STRUCTURE	TPK1 IC50 (nM)
XA2012		4.4
XA2013		0.74
XA2014		0.89
XA2015		12
XA2016		9
XA2017		5.6
XA2018		13

P28460 Declaration Table

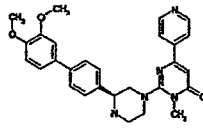
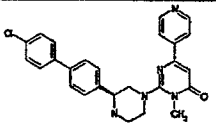
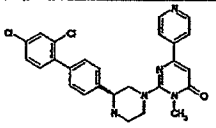
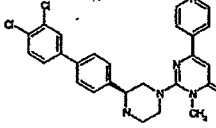
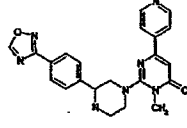
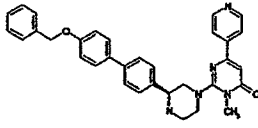
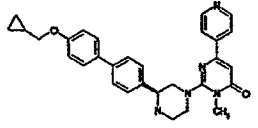
No.	STRUCTURE	TPK1 IC50 (nM)
XA2019		0.64
XA2020		1.5
XA2021		1.9
XA2022		0.77
XA2023		6.2
XA2024		12
XA2025		0.77
XA2026		14



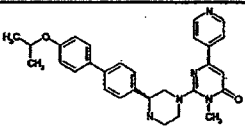
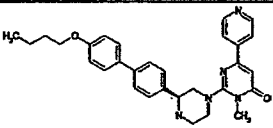
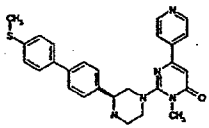
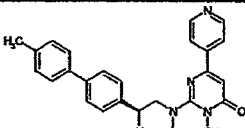
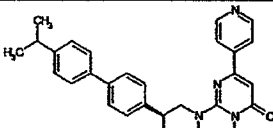
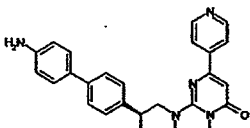
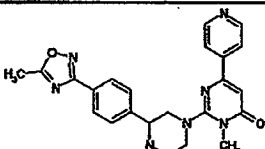
P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
XA2027		0.85
XA2028		0.93
XA2029		13
XA2030		6.9
XA2031		4.1
XA2032		2.5
XA2034		15

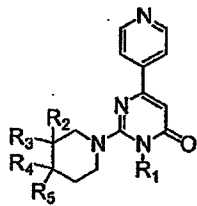
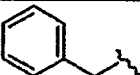




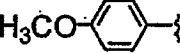
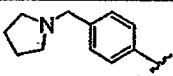
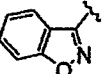
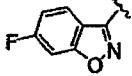
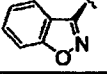
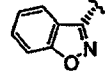


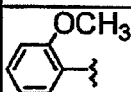
P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
XA2035		1.2
XA2036		2
XA2037		10
XA2038		3.1
XA2039		4.8
XA2040		13
XA2041		5.1

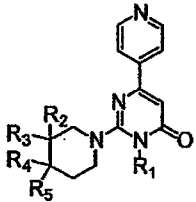
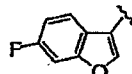
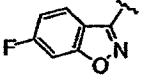
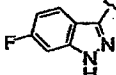
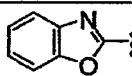
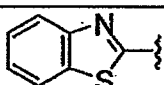
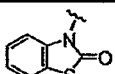
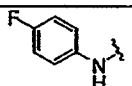

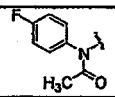

P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
XA2042		4.1
XA2043		19
XA2044		4.9
XA2045		1.7
XA2047		22
XA2048		1.5
XA2049		9.8

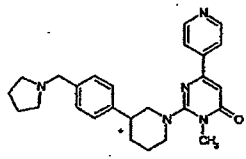
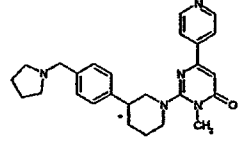
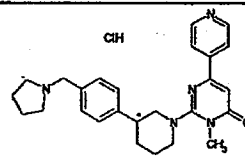
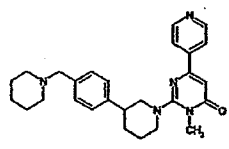
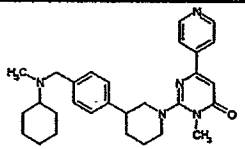
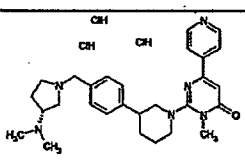
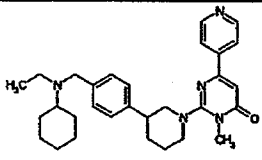
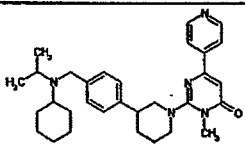
P28460 Declaration Table

						TPK1 IC50 (nM)
No	R1	R2	R3	R4	R5	
XB13	CH3-		H	H	H	13
XB16	CH3-		H	H	H	19
XB17	CH3-		H	H	H	5.3
XB19	CH3-		H	H	H	24
XB33	CH3-		H	H	H	2.7
XB35	CH3-		H	H	H	7.5
XB43	CH3-		H	H	H	1.3
XB46	CH3-		H	H	H	1.8
XB47	CH3-		H	H	H	8.8
XB48	CH3-		H	H	H	9.8
XB49	CH3-		H	H	H	0.78
XB127	CH3-	H	H		H	26
XB130	CH3-	H	H		H	24
XB145	CH3-	H	H		H	33

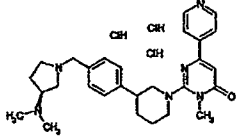
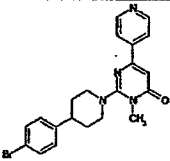
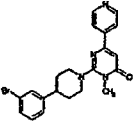
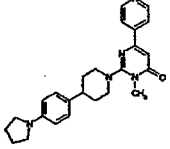
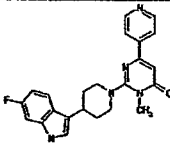
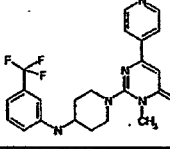
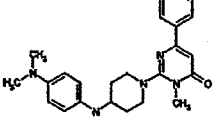
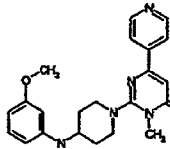
P28460 Declaration Table

						TPK1 IC50 (nM)
No	R1	R2	R3	R4	R5	
XB157	CH3-	H	H		H	20
XB158	CH3-	H	H		H	11
XB159	CH3-	H	H		H	5.4
XB160	CH3-	H	H		H	9.9
XB161	CH3-	H	H		H	5.6
XB162	CH3-	H	H		H	15
XB164	CH3-	H	H		H	28
XB165	CH3-	H	H		H	42
XB168	CH3-	H	H		H	41
XB169	CH3-	H	H		OH	23

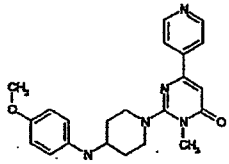
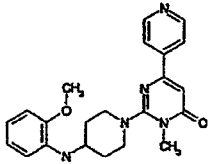
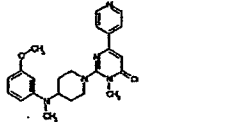
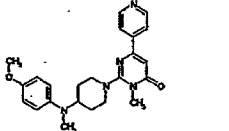
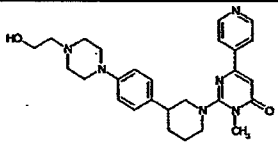
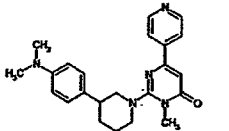
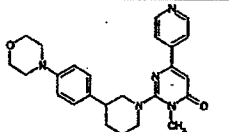
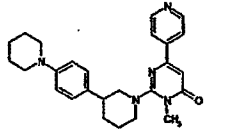
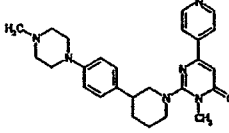
P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
XB256		1
XB257		7.5
XB258		1
XB261		1.8
XB262		2.2
XB263		1.6
XB264		4.3
XB265		6.9

P28460 Declaration Table

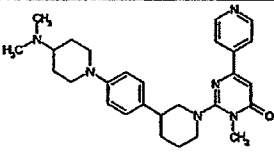
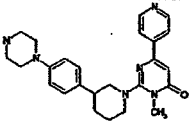
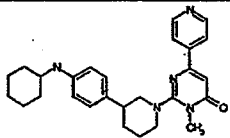
No.	STRUCTURE	TPK1 IC50 (nM)
XB266		1.1
XB267		41
XB268		28
XB269		18
XB271		13
XB272		36
XB273		37
XB274		22

P28460 Declaration Table

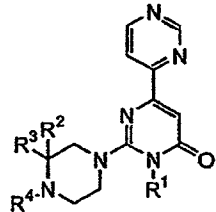





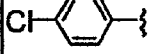
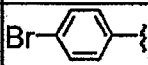
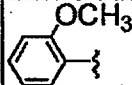
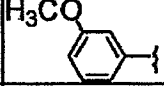
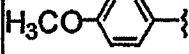
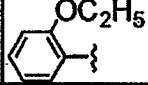
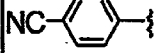
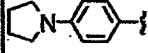
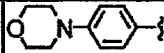
No.	STRUCTURE	TPK1 IC50 (nM)
XB275		25
XB276		6
XB277		25
XB278		29
XB283		3.1
XB284		43
XB285		33
XB286		7.1
XB287		0.98



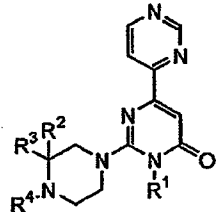
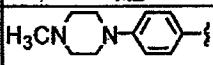
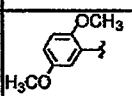
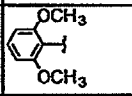
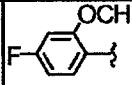
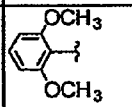
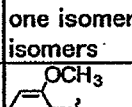
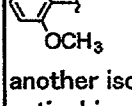
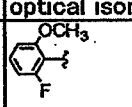
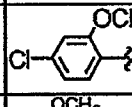
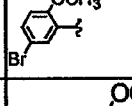
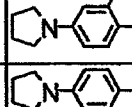
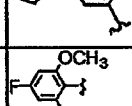
P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
XB288		1.4
XB292		1.1
XB301		24

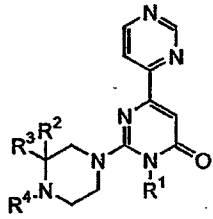
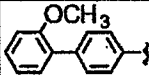
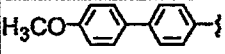
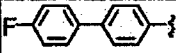
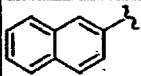

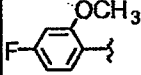
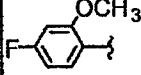
P28460 Declaration Table

					TPK1 IC50 (nM)
No.	R1	R2	R3	R4	
YA0262	CH3-		H	H	8.2
YA0263	CH3-		H	H	12
YA0264	CH3-		H	H	8.6
YA0267	CH3-		H	H	2.6
YA0268	CH3-		H	H	1.1
YA0269	CH3-		H	H	1.7
YA0274	CH3-		H	H	8.1
YA0289	CH3-		H	H	1.8
YA0290	CH3-		H	H	6.7
YA0291	CH3-		H	H	3.5
YA0294	CH3-		H	H	20
YA0304	CH3-		H	H	7.4
YA0331	CH3-		H	H	10
YA0337	CH3-		H	H	7.4

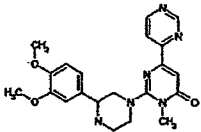
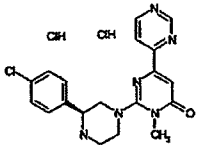
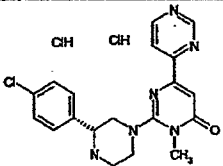
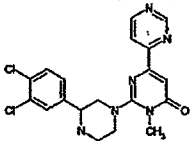
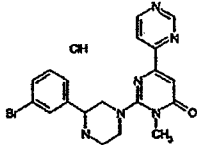
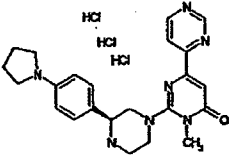
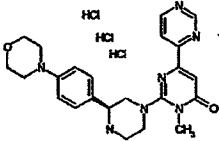
P28460 Declaration Table

					TPK1 IC50 (nM)
No.	R1	R2	R3	R4	
YA0340	CH3-		H	H	1.2
YA0361	CH3-		H	H	0.82
YA0362	CH3-		H	H	1.5
YA0366	CH3-		H	H	0.72
YA0367	CH3-	 one isomer of optical isomers	H	H	44
YA0368	CH3-	 another isomer of optical isomers	H	H	0.25
YA0370	CH3-		H	H	1.4
YA0378	CH3-		H	H	1
YA0399	CH3-		H	H	0.71
YA0408	CH3-		H	H	0.77
YA0409	CH3-		H	H	1.8
YA0414	CH3-		H	H	1.7

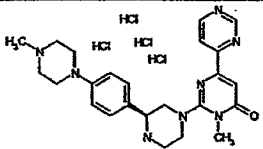
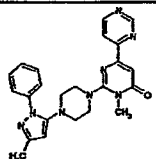
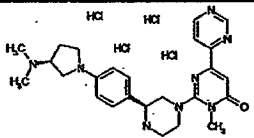
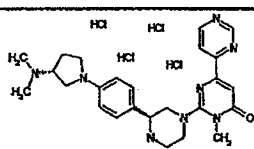
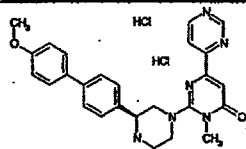
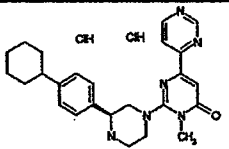
P28460 Declaration Table

					TPK1 IC50 (nM)
No.	R1	R2	R3	R4	
YA0423	CH3-		H	H	15
YA0425	CH3-		H	H	2.4
YA0434	CH3-		H	H	3.4
YA0442	CH3-		H	H	2.5
YA0517	CH3-		H	H	1.5
YA1339	CH3-		H	CH3-	26
YA1341	CH3-	 one isomer of optical isomers	H	CH3-	34

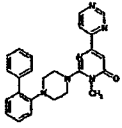
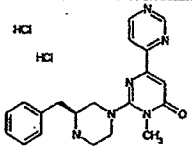
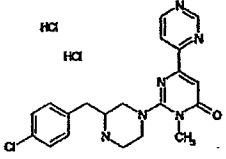
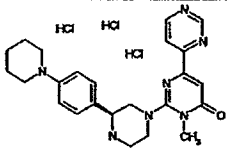
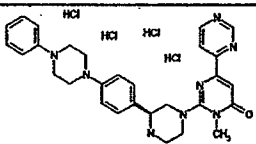
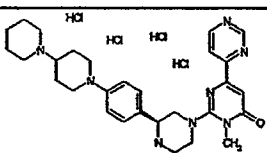
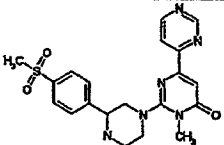
P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
YA1534		7.8
YA1535		1.2
YA1536		26
YA1541		2.3
YA1542		2
YA1544		6.1
YA1545		12

P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
YA1546		0.86
YA1547		22
YA1548		0.45
YA1549		0.7
YA1550		1.1
YA1551		11

P28460 Declaration Table

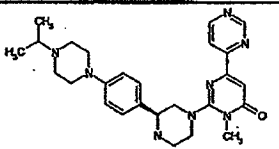
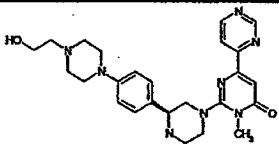
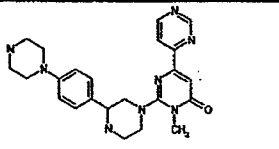
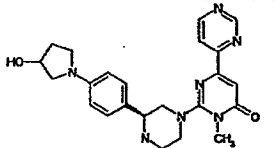
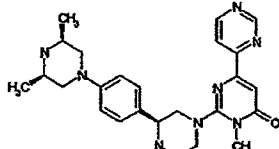
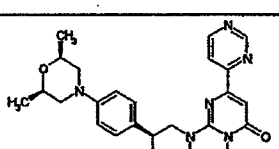
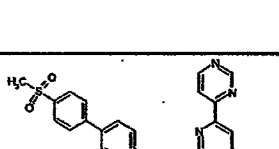
No.	STRUCTURE	TPK1 IC50 (nM)
YA1552		14
YA1553		2.1
YA1554		4.1
YA1555		5.4
YA1556		1.5
YA1557		1.2
YA1558		17

### P28460 Declaration Table

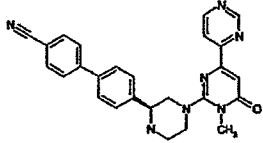
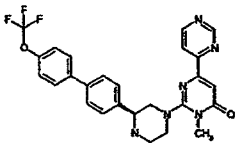
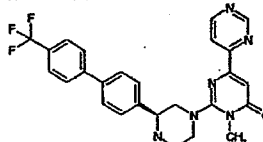
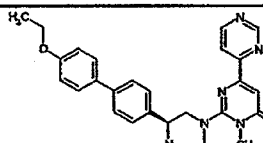
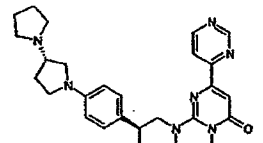
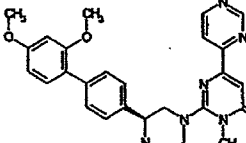
[illegible]



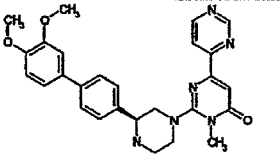
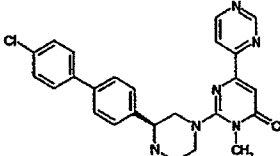
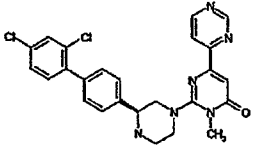
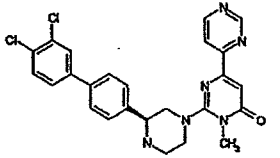
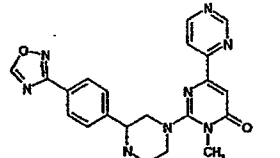
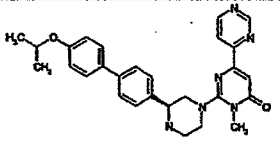
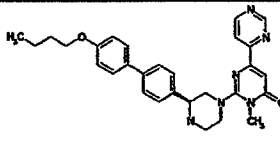
P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
YA1566		0.87
YA1567		1
YA1568		0.79
YA1569		5
YA1570		0.79
YA1571		4.4
YA1572		0.78

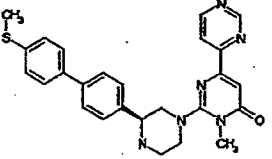
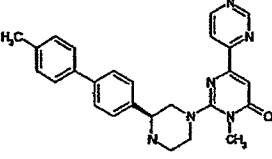
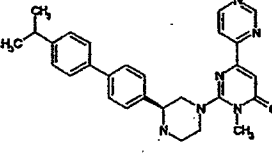
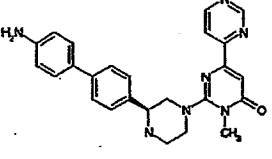
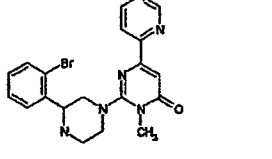
P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
YA1573		0.72
YA1574		4.8
YA1575		1.1
YA1576		1.8
YA1577		0.4
YA1578		8

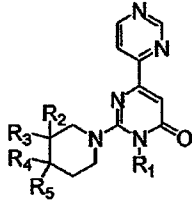
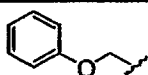
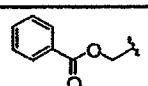
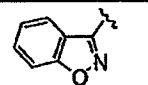
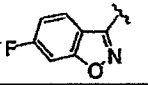
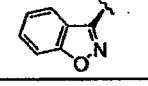
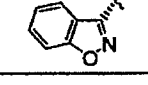
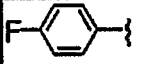
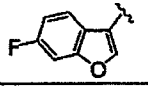
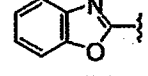
P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
YA1579		1.7
YA1580		0.88
YA1581		3.2
YA1582		0.8
YA1583		2.2
YA1584		1.6
YA1585		6.6

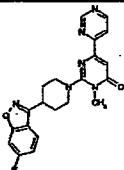
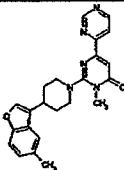
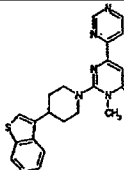
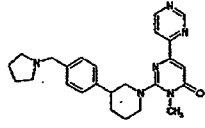
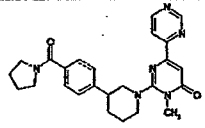
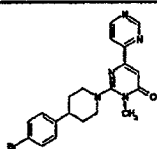
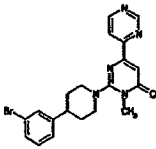
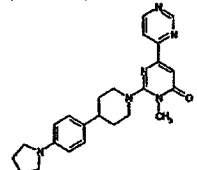
P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
YA1586		1.3
YA1587		0.68
YA1588		5.8
YA1589		1.1
YA1590		4.3

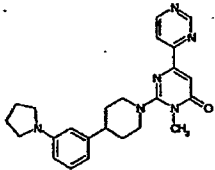
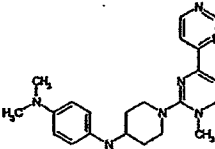
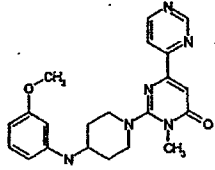
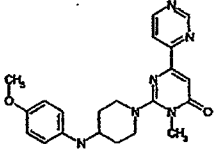
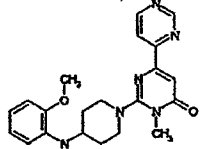
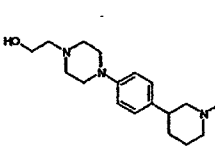
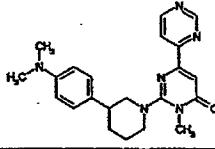
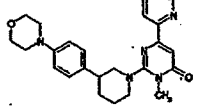
P28460 Declaration Table

						TPK1 IC50 (nM)
No.	R1	R2	R3	R4	R5	
YB13	CH3-		H	H	H	15
YB14	CH3-		H	H	H	29.6
YB48	CH3-		H	H	H	0.63
YB49	CH3-		H	H	H	4
YB50	CH3-		H	H	H	0.66
YB51	CH3-		H	H	H	4.6
YB130	CH3-	H	H		H	36
YB157	CH3-	H	H		H	14
YB162	CH3-	H	H		H	5.8

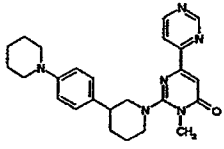
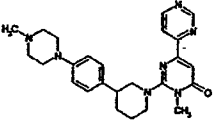
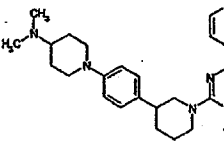
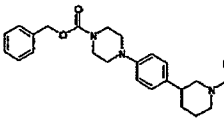
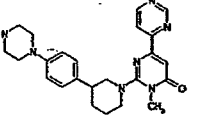
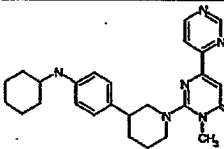
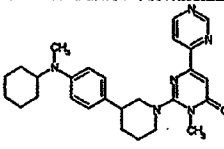
P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
YB251		10.4
YB252		8.8
YB253		4.9
YB254		1.6
YB255		26
YB257		14
YB258		6
YB259		6.7

P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
YB260		18
YB261		20
YB262		11
YB263		7.4
YB264		2.7
YB266		0.59
YB267		15
YB268		25

P28460 Declaration Table

No.	STRUCTURE	TPK1 IC50 (nM)
YB269		5.2
YB270		0.54
YB271		0.85
YB272		18
YB275		0.73
YB276		14
YB278		34